



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

WASHINGTON, D. C. 20231

A/gz
8/23/77

In re application of:

Robert E. Fischell

For: Implantable, Programmable Medication
Infusion System

Serial No.: 034155

Filed: April 27, 1979

335

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LETTER

Hon. Commissioner of Patents and Trademarks
Washington, D. C.

Sir:

In accordance with Applicant's duty of disclosure under Rule 56, Applicant directs the Examiner's attention to the following patents and publications which have recently come to Applicant's attention. As with the art previously cited, Applicant submits the following material, which may or may not be prior art, to assist the examiner in understanding the invention, its significance, and technological context.

Publications: (See also attached list of articles)

Perry J. Blackshear et al, "The Effect of Continuous Heparin Infusion for one Year on Serum Cholesterol and Triglyceride Concentrations in the Dog", Atherosclerosis, 26 (1977), p.23-27.

Thomas B. Fryer, "Power Sources for Implanted Telemetry Systems", Biotelemetry 1: 31-40 (1974).

W. D. Kaplan et al, "Intra-Arterial Radionuclide Infusion: A New Technique to Assess Chemotherapy Perfusion Patterns", Cancer Treatment Reports, Vol. 62, No. 5, May 1978, p. 699-702.

J. C. Pickup, "Continuous subcutaneous insulin infusion; an approach to achieving normoglycaemia" British Medical Journal, 1978, Vol. 1, p. 204-207.

J. Radke et al, "Eine neue, volumetrische Infusionspumpe", Anaesthesist 26, (1977), p. 324-325.

T. D. Rohde et al, "Protracted Parenteral Drug Infusion in Ambulatory Subjects Using an Implantable Infusion Pump", Trans. Am. Soc. Artif. Intern. Organs, Vol. XXIII, 1977, p. 13-16.

Thomas D. Rohde et al, "One Year of Heparin Anticoagulation", Minnesota Medicine, October 1977, p. 719-22.

Walter E. Stamm, "Injections Related to Medical Devices",
Annals of Internal Medicine, 89 (Part 2), 1978, p. 764-69.

J. V. Santiago, et al, "Closed-loop and Open-loop Devices
for Blood Glucose Control in Normal and Diabetic Subjects"
Diabetes. Vol. 28, No. 1, 1979, p. 71-81.

Reduction to Normal of Plasma Glucose in Juvenile Diabetes
by Subcutaneous Administration of Insulin with a Portable
Infusion Pump, Tamborlane, Sherwin, Genel, and Felig, NEJM
March 15, 1979.

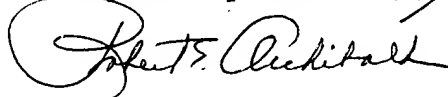
Constant Insulin Infusion Safe in Diabetes, Internal
Medicine News; May 1, 1979.

Patents:

| | |
|-----------|------------------|
| 3,052,238 | Broman et al |
| 3,648,694 | Mogos et al |
| 3,882,277 | DePedro et al |
| 4,068,096 | Rattenborg et al |
| 4,097,792 | Calaway |
| 4,144,892 | Auerbach |
| 4,146,029 | Ellinwood, Jr. |

Applicant, in any case, believes his invention to be
patentably distinct thereover.

Respectfully submitted,



Robert E. Archibald
Attorney of Record
Registry No. 20,934

July 16, 1979